

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-10 (canceled):

Claim 11 (currently amended): The one or more computer-readable memory of claim 16, ~~wherein the further storing~~ computer executable instructions ~~that~~, when executed ~~by the~~ data processing device, ~~further perform~~ cause the computing device to:

~~receiving~~ receive an identification of the item of interest by the user via at least one of a mouse, a keystroke and an audio stimulus; and

~~highlighting~~ highlight the item of interest in the viewing region in response to the receiving the identification of the item of interest.

Claim 12 (currently amended): The one or more computer-readable memory of claim 16, ~~wherein the further storing~~ computer executable instructions ~~that~~, when executed ~~by the~~ data processing device, ~~further perform~~ cause the computing device to:

~~removing~~ remove the graphical indicator from the graphical user interface based on input unhighlighting the item of interest.

Claim 13 (currently amended): The one or more computer-readable memory of claim 16, ~~wherein the further storing~~ computer executable instructions ~~that~~, when executed ~~by the~~ data processing device, ~~further perform~~ cause the computing device to:

~~displaying~~ display the item of interest within the viewing region in response to an input moving the slider proximate to the graphical indicator.

Claim 14 (currently amended): The one or more computer-readable memory of claim 16, ~~wherein the further storing~~ computer executable instructions ~~that~~, when executed ~~by the~~ data processing device, ~~further perform~~ cause the computing device to:

~~receiving~~ receive an input invoking the graphical indicator via one or more of a mouse, a keystroke and an audio stimulus.

Claim 15 (currently amended): The one or more computer-readable memory of claim 16, wherein the ~~further storing~~ computer executable instructions ~~that~~, when executed by the data processing device, ~~further perform~~ cause the computing device to:

~~displaying~~ display the item of interest within the viewing region in response to an input invoking the graphical indicator.

Claim 16 (currently amended): One or more computer-readable memory storing computer executable instructions that, when executed ~~by a data processing device,~~ perform cause a computing device to at least:

~~obtaining~~ obtain a location of an item of interest, identified by a user, within a set of information;

~~storing~~ store the location of the item of interest; and

~~providing~~ provide a graphical user interface comprising:

a viewing region configured to display a portion of the set of information;

a scroll bar that maps to the set of information;

a slider configured to move relative to the scroll bar to determine the portion of the set of information displayed within the viewing region; and

a graphical indicator displayed at a position relative to the scroll bar to indicate the location of the item of interest within the set of information, and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the set of information, the size of the graphical indicator configured to dynamically change in response to a change in the size of the set of information; and

~~changing~~ change the location of the item of interest based on an input from a second user of a plurality of users in a shared environment.

Claim 17 (currently amended): The one or more computer-readable memory of claim 16, wherein the graphical user interface further comprises one or more additional graphical indicators for a respective one or more additional items of interest identified by the user.

Claim 18 (currently amended): The one or more computer-readable memory of claim 16, wherein the graphical indicator is displayed within the slider when the item of interest is displayed within the viewing windowregion.

Claim 19 (canceled)

Claim 20 (currently amended): The one or more computer-readable memory of claim 16, wherein the graphical user interface further comprises:

one or more additional scroll bars;

one or more additional sliders configured to move relative to the one or more additional scroll bars to move the set of information in multiple directions for positioning the portion of the set of information within the viewing region; and one or more additional graphical indicators corresponding to the item of interest and displayed at positions relative to the one or more additional scroll bars to indicate the location of the item of interest within the set of information; and

wherein the one or more computer-readable memory further stores the computer executable instructions that, when executed by the data processing device, further perform cause the computing device to displaying display the item of interest within the viewing region in response to an input invoking any of the one or more additional graphical indicators.

Claim 21-22 (canceled)

Claim 23 (currently amended): A method comprising:

receiving an input associated with a first user-identified point of focus within a list from a first user of a plurality of users;

obtaining a location of the first user-identified point of focus within the list;

storing the location of the first user-identified point of focus within a memory;

and

generating a graphical user interface comprising:

a viewing region configured to display a portion of the list,

a scroll bar that maps to the list,

a slider configured to move relative to the scroll bar to determine the portion of the list displayed within the viewing region,

a first graphical indicator displayed at a position relative to the scroll bar to indicate the location of the first user-identified point of focus within the list and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the list, the size of the graphical indicator configured to dynamically change in response to a change in the size of the list, and

a second graphical indicator displayed at a position relative to the scroll bar to indicate ~~the~~a location of a second user identified point of focus within the list.

Claim 24 (currently amended): The method of claim 23, further comprising:

moving the second graphical indicator relative to the scroll bar in response to a user input; and

changing the location of the second user identified point of focus in response to the moving of the second graphical indicator.

Claim 25 (previously presented): The method of claim 24, wherein the second graphical indicator is differentiated from the first graphical indicator by at least one of color, size, shape, and position.

Claim 26 (previously presented): The method of claim 23, further comprising providing information indicative of the first user-identified point of focus in response to a pointer positioned proximate to the first graphical indicator.

Claim 27 (previously presented): A method comprising:

receiving a position of a graphical indicator on a scroll bar, said graphical indicator associated with a point of focus;

obtaining a location of the point of focus within data based on the position of the graphical indicator on the scroll bar; and

changing the location of the point of focus based on a user input from a first user moving the graphical indicator on the scroll bar; and

changing the location of the point of focus based on a user input from a second user moving the graphical indicator on the scroll bar, wherein a size of the graphical indicator relative to the size of the scroll bar indicates a size of the point of focus relative to a size of the data, the size of the graphical indicator configured to dynamically change in response to a change in the size of the data.

Claim 28 (previously presented): The method of claim 27, further comprising providing information indicative of the point of focus based on a pointer positioned over the graphical indicator.

Claim 29 (previously presented): The method of claim 27, further comprising automatically returning the point of focus to the first user based on the first user invoking the graphical indicator, and returning the point of focus to the second user based on the second user invoking the graphical indicator.

Claim 30 (previously presented): The method of claim 27, further comprising returning control of the point of focus to the first user based on the first user manually navigating a slider proximate to the graphical indicator, and returning the point of focus to the second user based on the second user manually navigating a slider proximate to the graphical indicator.

Claim 31-32 (canceled)

Claim 33 (currently amended): The one or more computer-readable media ~~memory~~ of claim 20, ~~wherein the further storing~~ computer executable instructions that, when executed by the data processing device, ~~further perform~~ cause the computing device to:
receiving ~~receive~~ input selecting any one of the graphical indicator and the one or more additional graphical indicators; and

automatically ~~moving~~move each slider to one of the graphical indicators. [[.]]

Claim 34-35 (canceled)

Claim 36 (currently amended): One or more computer-readable memory storing computer executable instructions, ~~that that~~, when executed by a processor, perform cause a computing device to at least:

~~receiving~~receive an input associated with a first user-identified point of focus within a list from a first user of a plurality of users;

~~obtaining~~obtain a location of the first user-identified point of focus within the list;

~~storing~~store the location of the first user-identified point of focus within a memory; and

~~generating~~generate a graphical user interface comprising:

a viewing region configured to display a portion of the list,

a scroll bar that maps to the list,

a slider configured to move relative to the scroll bar to determine the portion of the list displayed within the viewing region,

a first graphical indicator displayed at a position relative to the scroll bar to indicate the location of the first user-identified point of focus within the list and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the list, the size of the graphical indicator configured to dynamically change in response to a change in the size of the list, and

a second graphical indicator displayed at a position relative to the scroll bar to indicate ~~the a~~ location of a second user identified point of focus within the list.

Claim 37 (currently amended): The one or more computer-readable ~~media~~memory of claim 36, ~~and wherein the~~further storing computer executable instructions that, when executed by the processor, further perform cause the computing device to:

~~moving-move~~ the second graphical indicator relative to the scroll bar in response to a user input; and

~~changing the change~~ the location of the second user identified point of focus in response to the moving of the second graphical indicator.

Claim 38 (currently amended): The one or more computer-readable ~~medium-memory~~ of claim 37, wherein the second graphical indicator is differentiated from the first graphical indicator by at least one of color, size, shape, and position.

Claim 39 (currently amended): The one or more computer-readable ~~medium-memory~~ of claim 36, ~~wherein the further storing~~ computer executable instructions ~~that~~, when executed by the processor, ~~further perform~~ cause the computing device to providing ~~provide~~ information indicative of the first user-identified point of focus in response to a pointer positioned proximate to the first graphical indicator.

Claim 40 (canceled)

Claim 41 (currently amended) The one or more computer readable ~~medium-memory~~ of claim 16, wherein the scroll bar includes a circular dial, wherein the slider rotates around the circular dial, and wherein a 360-degree rotation around the circular dial corresponds with traversing the set of information from one of: a beginning-to-end and ~~[[a]]an~~ end-to-beginning.

Claim 42 (canceled)

Claim 43 (currently amended) The method of claim 23, further comprising:

changing the location of the first ~~user identified~~user identified point of focus based on an input from a second user of the plurality of users in a shared environment.

Claim 44 (currently amended) The ~~one or more~~ computer readable ~~media-memory~~ of claim 36, ~~wherein the further storing~~ computer executable instructions that, when executed by the processor, further perform cause the computing device to:

~~changing-change~~ the location of the first user-identified point of focus based on an input from a second user of the plurality of users in a shared environment.

Claim 45 (currently amended) An apparatus comprising:

a processor; and

computer readable memory storing computer executable instructions, ~~that that~~, when executed by with the processor, perform cause the apparatus to at least:

~~obtaining-obtain~~ a location of an item of interest, identified by a user, within a set of information;

~~storing-store~~ the location of the item of interest;

~~providing-provide~~ a graphical user interface comprising:

a viewing region configured to display a portion of the set of information;

a scroll bar that maps to the set of information;

a slider configured to move relative to the scroll bar to determine the portion of the set of information displayed within the viewing region; and

a graphical indicator displayed at a position relative to the scroll bar to indicate the location of the item of interest within the set of information, and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the set of information, the size of the graphical indicator configured to dynamically change in response to a change in the size of the set of information; and

~~changing-change~~ the location of the item of interest based on an input from a second user of a plurality of users in a shared environment.

Claim 46 (previously presented): The apparatus of claim 45, wherein the graphical user interface further comprises one or more additional graphical indicators for a respective one or more additional items of interest identified by the user.

Claim 47 (previously presented): The apparatus of claim 45, wherein the graphical indicator is displayed within the slider when the item of interest is displayed within the viewing region.

Claim 48 (currently amended): The apparatus of claim 45, wherein the graphical user interface further comprises:

one or more additional scroll bars;

one or more additional sliders configured to move relative to the one or more additional scroll bars to move the set of information in multiple directions for positioning the portion of the set of information within the viewing region; and one or more additional graphical indicators corresponding to the item of interest and displayed at positions relative to the one or more additional scroll bars to indicate the location of the item of interest within the set of information; and

wherein the computer readable memory further stores computer executable instructions that, when executed by the processor, further perform cause the apparatus to displaying display the item of interest within the viewing region in response to an input invoking any of the one or more additional graphical indicators.